

· 全球招聘新闻 ·



Umeå University

博士后

[瑞典] Umeå University

The fellowship is available at the Thermochemical Energy Conversion Laboratory (TEC-Lab), Department of Applied Physics and Electronics, Umeå University. They are now seeking a postdoctoral researcher to work on the development and applications of robust sensors based on tunable diode laser spectroscopy (TDLS) for real-time in-situ detection of species such as potassium, phosphorus and water, as well as gas temperature, at different stages of biomass conversion processes. The main aims are to obtain information about initial release and primary reactions of the species, characterization of biofuels, and process monitoring and optimization. The successful candidate should hold a PhD degree in experimental physics (or equivalent) preferably obtained less than 3 years ago. The candidate should have experience in trace species detection with laser absorption spectroscopy, in particular wavelength modulation spectroscopy (WMS), optics, electronics, and LabVIEW and Matlab programming. Publications in peer-reviewed journals and experience in planning scientific studies are mandatory. They expect a documented capability of autonomous scientific research work, skills in writing scientific publications, and fluency in both verbal and written English. The application for the fellowship should include: a short motivation letter describing previous research experience and the rationale for applying; a CV including a list of publications; copies of relevant exam certificates and publications; contact information of 2 referees who would write a letter of recommendation. The application should be written in English and sent to florian.schmidt@umu.se. Further information can be obtained from **Dr. Florian Schmidt**, phone **+46 (0)72 5265370** or **E-mail florian.schmidt@umu.se**. See also: www.tfe.umu.se/english/research/tec-lab and www.kbc.umu.se. (源于 *physics today jobs* [2013-05-13])



INDIANA UNIVERSITY

博士后

[美国] Indiana University

The Department of Physics at Indiana University invites applications for a postdoctoral position in Theoretical Astrophysics and Cosmology to begin as early as September 1, 2013 (exact start date is negotiable). The successful applicant work will join a vibrant department and interact with colleagues in both the Physics and Astronomy Departments at Indiana University, and will have the opportunity to work on a wide range of topics including, but not limited to, dark matter and neutrino astrophysics, gravitational lensing, and analysis of large survey data. Applicants should have completed a PhD in physics or astronomy before the start date. The position will initially be for 2 years, with an extension of an additional year possible provided satisfactory performance and availability of funding. Applications including a cover letter, curriculum vitae, a brief statement of research experience and

interests, and 3 letters of reference should be submitted through the application portal located at <http://indiana.peopleadmin.com/postings/299> or send to **Strigari Post-doc Search Physics 727 E. 3rd St Bloomington, IN 47405, USA**. Review of applications will begin on July 1 and will continue until the position is filled. For questions please contact the **Physics Department at 812-855-1247 or Louis Strigari (strigari@stanford.edu)**. Further information about the Indiana University physics department can be found at <http://physics.indiana.edu>. (源于 *physics today jobs* [2013-05-13])



博士后

[德国] DESY

DESY is seeking postdoctoral position. The goal of the project is to develop a high-power femtosecond Thuliumdoped fiber laser system fully compatible with low-noise phase control. They aim to develop a coherent and compact table-top XUV source at high repetition rate with a spectral coverage down to the water window (2-4 nm) which will be used for biomedical imaging. The successful applicant will design and construction of a high-power, high repetition rate fiber laser system at 2 μ m central wavelength including fiber based pulse stretchers and actuators for low-noise phase control. Experimental studies on high-harmonic generation in gas-filled microstructured fibers. Applicants should have PhD in physics or related fields; hands-on experience with ultrafast fiber laser systems preferable on the basis of Thulium-doped fibers; solid theoretical background in laser physics and nonlinear optics; excellent English language skills; ability to work in an international team. For further information please contact **Axel Ruehl, axel.ruehl@desy.de**. The position is limited to 2 years. Please send the application quoting the reference code, also by email, to: **Deutsches Elektronen-Synchrotron DESY Human Resources Department, Code: EPO22/2013 Notkestr. 85, 22607 Hamburg, Germany Phone: +49 40 8998-3392. Email: recruitment@desy.de. Website: www.desy.de. Deadline for applications: June 30, 2013.** (源于 *physics today jobs* [2013-05-15])



博士后

[美国] Sandia National Laboratories

Sandia National Laboratories is searching for a postdoctoral appointee in nanowire carrier transport. A Postdoctoral position is available at the Center for Integrated Nanotechnologies (CINT), focusing in the area of micro- and nanoscale device fabrication and thermoelectric property measurements of single nanowires. In this position, the postdoc will investigate carrier transport in single nanowires by integrating these structures into microfabricated platforms. The selected postdoc will conduct temperature-dependent thermal and electrical property measurements on semiconductor nanowires, from room temperature down to cryogenic temperatures, and assist in the development of analytical models describing the

observed transport phenomena. Correlations will be drawn between transport properties and the atomic/defect structure of the wires using the high-resolution transmission electron microscopy facility at CINT. The applicants should have PhD degree in Physics, Materials Science, Engineering, or a closely related field. Demonstrated publication record in the area of micro- and nanoscale fabrication, and in temperature-dependent electrical and/or thermal transport property measurements of low-dimensional structures; experience with electron microscopy. Substantial experience with standard microfabrication techniques, such as metal deposition, wet and dry etching, and contact photolithography are highly desired. Proficient with electron-beam lithography and possess a technical skill set that includes mask layout and design. Experience with modeling energy carrier transport is also desired. To learn more about this position and to apply online, please visit their Careers page at <http://www.sandia.gov/careers/search-openings.html>, and reference Job Opening ID Number: **643698**. (源于 *physics today jobs* [2013-05-16])

Stanford University 助理教授 [美国] Stanford University

The Department of Anesthesiology, Perioperative and Pain Medicine at Stanford University seeks a board certified or equivalent anesthesiologist to join the department as assistant professor in the University Tenure Line. The predominant criterion for appointment in the University Tenure Line is a major commitment to research and teaching. The successful applicant should have developed an academic laboratory-based program in cardiovascular research relevant to the field of anesthesiology. The successful applicant will spend a portion of time in clinical anesthesia. They are particularly interested in candidates who have received national peer-reviewed funding at the K99 or R01 level. Submit CV, a brief letter, and 3 letters of reference to: **Dr. Ronald G. Pearl, Chair, Department of Anesthesiology, Perioperative and Pain Medicine, Stanford University School of Medicine, Stanford, California 94305-5640, rgp@stanford.edu**. (源于 *Science* [2013-05-13])

Stanford University 助理教授 [美国] University of Southern Indiana

The University of Southern Indiana seeks a physicist committed to excellent undergraduate instruction for a one year visiting assistant professor position for fall 2013. The successful candidate will be able to teach introductory physics and/or astronomy courses, and upper-division courses based on qualifications. A PhD (or ABD) in physics, astronomy, or astrophysics is required. To apply, please follow the directions on their www.usi.edu/hr/employment page to log in or set up an account. When applicants select the **Apply to this Job** link near the top of this page, applicants will be prompted to complete the appropriate Faculty/Administration application. When

completing the application, applicants will be given the opportunity to attach the additional documents required for this position which include 1) letter of application; 2) current curriculum vitae; and 3) names and full contact information including E-mail addresses for 3 professional references. Materials should be provided electronically within this web-based applicant system and to the attention of **Dr. Kent Scheller, Search Committee Chair**. Candidates selected for interview will also be required to provide unofficial transcripts, with official transcripts required at a later stage. Review of candidates will begin immediately and continue until the position is filled. (源于 *physics today jobs* [2013-05-16])

DUKE NUS 助理教授/副教授 [新加坡] Duke/NUS Graduate Medical School

Duke-NUS Graduate Medical School Singapore (Duke-NUS) is a strategic collaboration between Duke University (US) and the National University of Singapore. The program has a strong core of researchers working on virus structure by cryo-EM, virus protein structure, virus-host interactions, pathogenesis mechanisms, innate immune response to viral infection, experimental therapeutics, antiviral clinical trials, epidemiology and pathogen discovery. The Program is recruiting 2 principal scientists in any area of emerging infectious diseases. Scientists are encouraged to apply to fill tenure track faculty positions at the assistant or associate Professor level. Areas of current focus for the program include dengue, influenza, hepatitis and zoonotic diseases (www.duke-nus.edu.sg). For further information, please contact the search committee co-chairs: **Professor Subhash Vasudevan** (subhashvasudevan@duke-nus.edu.sg); **Professor Mariano Garcia-Blanco** (m.garciablanc@duke.edu). Interested candidates should send a full application with CV and the names of 3 referees via E-mail to: eid.search@duke-nus.edu.sg by June 30, 2013. (源于 *Science* [2013-05-16])

TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER 助理教授/副教授 [美国] Texas Tech University Health Sciences Center

The Texas Tech University Health Sciences Center, El Paso, Texas is seeking candidates for tenure track faculty positions at the assistant or associate professor level. The Center is primarily interested in investigators with research interests in diabetes and obesity. Minimum qualifications: MD/DO/PhD in a field related to diabetes/obesity research from an accredited institution of higher education. Minimum 3 years of postdoctoral experience, and a strong publication record. Regional or emerging reputation is in the area of diabetes and obesity research for consideration at the rank of associate professor. Access to graduate students will depend on development of a successful training program, and they look to the candidates to participate in the development of the program. Good communication skills and demonstrated ability to work in a collegial

environment are essential. The Center will provide start-up funds. Interested candidates must apply online at <http://jobs.texastech.edu>, requisition #84742. A curriculum vitae, short write up of research interests and three references may be attached and sent to: **Rajkumar Lakshmanaswamy, PhD, rajkumar.lakshmanaswamy@tuhsc.edu, Interim Chair, Department of Biomedical Sciences.** The position is open until filled. Application review will begin immediately. (源于 *Science* [2013-05-16])



副教授

[日本] National Institute of Genetics

The National Institute of Genetics (NIG) invites applications for 2 tenure-track associate professor positions in the Center for Frontier Research (CFR). Appointed researchers will run independent laboratories as principal investigators while making use of an outstanding research environment and receiving competitive financial support. Application Deadline: Noon (Japan Time) on Wednesday, July 31, 2013. Interview and Seminar: Tuesday, September 24 and Wednesday, September 25, 2013. Application Materials: 1) Curriculum Vitae (In English. Japanese applicants should include an additional copy in Japanese. Include e-mail address.); 2) List of Publications (Circle the listing number (s) and include URL of major works); 3) Research Proposal (In English, max. 2,000 words. Start with a title of proposal followed by a concise summary (less than 400 words). Include previous accomplishments and figures as necessary.); 4) Career Summary (Download the form from the NIG website); 5) Arrange 3 letters of recommendation sent directly to the address below (See the NIG website for how to prepare recommendation letters). Make a single file that includes 1) to 3) (either MS Word or PDF) and send the file and the career summary file 4) by E-mail to nigjinji@nig.ac.jp. Subject line should be "CFR Application". Application by post will be accepted if you are unable to apply electronically. Write "CFR Application" in red on the envelope and send by registered mail. Send the application and inquiries to: CFR Search Committee (Personnel Team); E-mail: nigjinji@nig.ac.jp. Mailing Address: **National Institute of Genetics, Yata 1111, Mishima, Shizuoka 411-8540 JAPAN.** Homepage: <http://www.nig.ac.jp/english/index.html>. Organization Chart: <http://www.nig.ac.jp/english/section/organization.html>. (源于 *Science* [2013-05-14])



副教授

[日本] RIKEN

RIKEN created the position of associate chief scientist in tenured position in fiscal 2006 as a complement to the already existing position of Chief Scientist. The position is meant to develop the next generation of leaders in science and technology by encouraging original research undertaken with a long-term perspective. Research

field is not specified. They require the applicant to pioneer his or her own curiosity-driven interdisciplinary research field. Self-disciplined scientists with a long-term vision of the next generation of scientific endeavor, and with the ability and research record to preside over their own autonomous laboratories will be considered as candidates for this position (those with less than 10 years since getting their PhDs). The Application documents can be found in their website for details: <http://www.riken.jp/en/careers/researchers/20130501/>. Applications must be received by 17:00 on Wednesday, July 31, 2013 (Japan Standard Time). All application documents should be sent by post mail or hand-delivered. E-mailed, faxed, late or incomplete applications will not be accepted. If mail the documents, please send as certified mail so that there will be a record of delivery. The submitted documents will not be returned under any conditions. To submit documents and for inquiries, contact: **Associate Chief Scientist Desk, Global Relations and Research Coordination Office, Information Science Building, 3rd floor, RIKEN, 2-1 Hirosawa, Wako, Saitama 351-0198, Japan. E-mail: riken-ac25@riken.jp.** (源于 *physics today jobs* [2013-05-15])

Boston University

助理教授/副教授/教授

[美国] Boston University

Boston University School of Medicine invites applications for tenure-track assistant & associate professor, or professor positions in Anatomy & Neurobiology, Biochemistry, Microbiology, Physiology & Biophysics, Pharmacology & Experimental Therapeutics, Pathology. E-mail a cover letter specifying the department of interest with the CV to busmdean@bu.edu. (源于 *Science* [2013-05-16])



教授

[美国] University of California, Los Angeles

The Biomedical Physics (BMP) Interdepartmental Graduate Program at UCLA is seeking applications for the program director position. The program is sponsored by the Departments of Radiology, Molecular & Medical Pharmacology and Radiation Oncology and has tracks in: 1) Molecular Imaging, 2) Medical Imaging, 3) Therapeutic Medical Physics and 4) Molecular & Cellular Oncology. The successful applicant will be appointed as an associate professor or professor on the tenure track, commensurate with experience. Applicants must have a PhD and an established research and funding track record that fits with the missions of one or more of the sponsoring departments. Information about the BMP program can be found on their webpage at <http://www.bmp.ucla.edu/>. Applicants should provide a letter expressing the reasons for their interest in the position as Director of BMP and how their leadership would strengthen the interdisciplinary nature of the BMP. Interested candidates should apply on their recruitment website, <https://recruitapoucla.edu/apply/JPF00028>. (源于 *physics today jobs* [2013-05-15])

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